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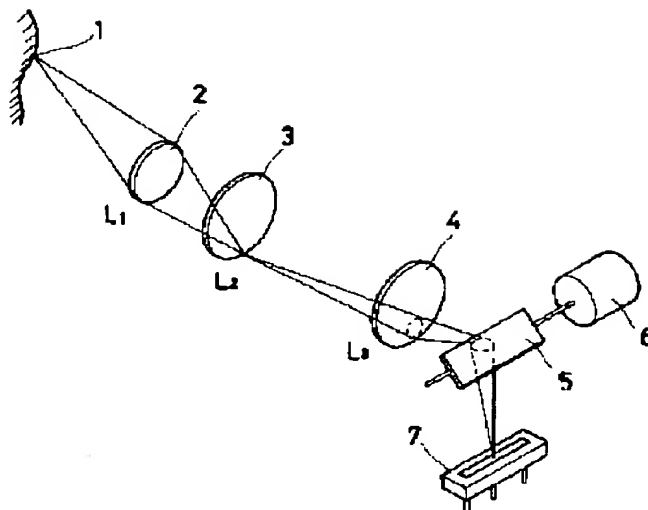
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APPLICANT : AKITA DENSHI KK;

INVENTOR : TAKAHASHI SATORU;

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TITLE : VIDEO CAMERA



ABSTRACT : PURPOSE: To obtain the image with high image resolution by synthesizing a one-dimensional image obtained by a linear image sensor into a two-dimensional image with a resolution of a rotary mirror.

CONSTITUTION: A main light beam sent s from an object point 1 reaches a rotary mirror 5 via an image forming lens 2, a field lens 3 and a relay lens 4. Meanwhile the main light means always passes the focal point of the lens 4 and forms an image on a linear image sensor 7 via the mirror 5. Therefore the one-dimensional image of the point 1 is always formed on the sensor 7. Then the one-dimensional image is scanned in accordance with the revolution of the mirror 5 and synthesized into a two-dimensional image of high image resolution.

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